UII/266-09

Central Intelligence Agency

Washington. D.C. 20505

7· DEC 1988

MEMORANDUM FOR: Director for Command, Control, and Communications Systems
                  The Joint Staff
                  Department of Defense

SUBJECT: Interconnection of the Central Intelligence Agency and
                  Department of Defense Secure Voice Systems

REFERENCE: Joint Staff Memo (J6-M-556-88), dtd 17 Oct 88,
                  Subj: C2 Secure Voice in the POST-AUTOSEVOCOM Era

    1.   The Central Intelligence Agency welcomes the planned upgrade of the
DOD secure voice system which will provide the capability for additional
secure connectivity between our two respective organizations.

    2.   Although we certainly agree in principle with the interconnection of
our systems, we believe several areas of concern need to be addressed before
actual implementation takes place. Specifically, these are the restrictions
to be placed on STU-III subscribers accessing inteconnecting trunks, the
security posture of the new DOD system, and the technical details and funding
of the new circuitry between our two organizations.

    3.   I suggest that members of our technical staffs meet in the near
future to begin a dialogue on these and related issues. The CIA point of
contact for this effort is

STAT
STAT
STAT

Edward J. Maloney
Director of Information Technology
Central Intelligence Agency

SUBJECT: Interconnection of the Central Intelligence Agency and
           Department of Defense Secure Voice Systems

STAT   OIT/NSG/CED[   ] (23 Nov 88) (OIT-0621-88)

            Distribution:
              Orig - Addressee
                 2 - D/OIT
                 1 - C/NSG/OIT
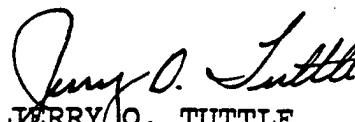   1 - C/CED/NSG/OIT
                 3 - OIT/REG

OIT/TRIS
LOGGED
2 6 OCT 1988

THE JOINT STAFF
WASHINGTON, D.C.

J6-M-556-88
17 October 1988

Reply Zip Code:
20318-6000

MEMORANDUM FOR: See Distribution

Subject: C2 Secure Voice in the Post-AUTOSEVOCOM Era

1. The era of the Automatic Secure Voice Communications system --AUTOSEVOCOM--is drawing to an end. We are depending more on the STU-III for secure voice communications, and the number of users is rapidly expanding. The Department of Defense Red Switch Program (RSP) is a new secure voice system for command and control (C2). It will connect the National Military Command System, the Joint Staff, selected Service users, and the unified and specified commands. It will have a "transparent" interface to the STU-III network. A red switch subscriber will be able to call a STU-III user without going through a telephone operator. Similarly, a STU-III user will be able to call a red switch subscriber quickly and efficiently. There should not be a need for more than one secure voice instrument on any of our desks!

2. We are in the midst of final engineering and specification of the NMCC red switch. We believe it is essential to connect the new switch to secure voice systems supporting your agency. This will not only provide a high quality, responsive C2 link into the new network but may reduce the need for you to field unique voice systems at the NMCC to satisfy communications needs of your representatives.

3. Our goal is to provide the best and most responsive secure voice service to key military and civilian decisionmakers for use in monitoring the world situation and reacting to crises.

4. Request your approval in principle to connect our systems. Point of contact is Lt Col Rick Skinner, (202) 695-2131, AUTOVON 225-2131, KY-3 2734. Your inputs by 28 October 1988 would be appreciated.

JERRY O. TUTTLE
Vice Admiral, USN
Director for Command, Control, and
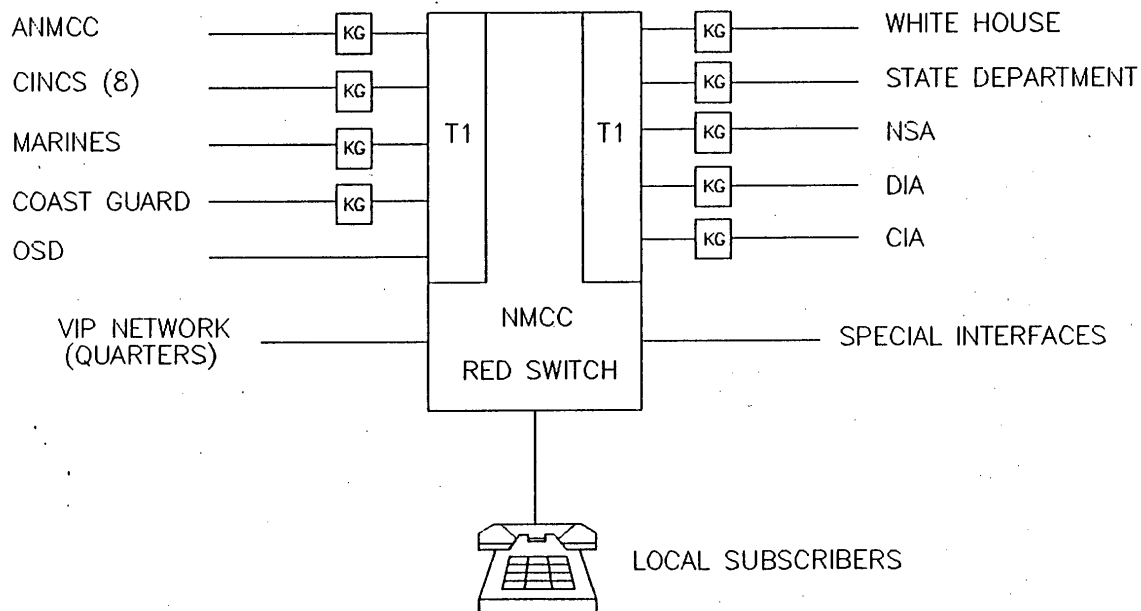   Communications Systems

Attachment
  DOD Red Switch Network Diagrams

DISTRIBUTION:
  Director, White House Communications Agency
  Director of Telecommunications, Department of State
  Deputy Under Secretary of Defense for Policy
  Office of Information Systems, Central Intelligence Agency
  Directorate for Information Systems, Defense Intelligence
    Agency
  Deputy Director, Telecommunications, National Security Agency

2

NMCC RED SWITCH PROGRAM
PROPOSED TRUNKING

ANMCC ———————[KG]———┐   ┌———[KG]——— WHITE HOUSE

CINCS (8) ——————[KG]——| |——[KG]——— STATE DEPARTMENT

MARINES ———————[KG]——| T1   T1 |——[KG]——— NSA

COAST GUARD ————[KG]——| |——[KG]——— DIA

OSD ——————————————| |——[KG]——— CIA

VIP NETWORK ———————— NMCC ———————— SPECIAL INTERFACES
(QUARTERS)   RED SWITCH

LOCAL SUBSCRIBERS

INTERSWITCH TRUNK CONFIGURATION (1.544 MBPS)
PER MJCS-17-88